

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement/ Amendment</p> <p>Part 1 - General Information</p>		1. EPA IA Identification Number DW-75-95843101 - 0		2. Funding Location by Region EPA R5					
		3. Other Agency IA ID Number (if known)		4. Awarding Office IASSC West					
		5. Type of Action New		6. IA Specialist: Yvette Downs 206-553-6321 Downs.Yvette@epa.gov					
7. Name and Address of EPA Organization US Environmental Protection Agency IASSC West 1200 Sixth Avenue, Suite 900, OMP-145 Seattle, WA 98101			8. Name and Address of Other Agency Department of Health and Human Services Division of Toxicology and Human Health Sciences ATSDR / 4770 Buford Highway, MSF61 Atlanta, GA 30341						
9. DUNS: 029128894		10. BETC: DISB		11. DUNS: 927645465					
				12. BETC: COLL					
13. Project Title and Description Agency for Toxic Substances and Disease and Registry Great Lakes Restoration Initiative 2013 IA This Interagency Agreement will fund the Agency for Toxic Substances and Disease and Registry (ATSDR) to complete two individual projects that further overall goals of the Great Lakes Restoration action plan. The purpose and long-term goal of this Interagency Agreement is to better incorporate data and resources from public health agencies into the decision making by governmental agencies and communities to reduce the exposures and potential risks associated with chemical contaminants in the Great Lakes. The projects to be funded in FY13 will accomplish that goal, and include: 1) Engaging Health Care Providers in the Great Lakes of Environmental Exposure Risks and Reductions Pertaining to Great Lake Fish Consumption and 2) Measure Environmental Toxin Levels in People Who Live in the Great Lakes Basin Who Consume Great Lakes Fish. The information obtained from these two projects will guide actions that the State Health Departments take to protect people from the risk of environmental exposures. These efforts will take place in the Great Lakes basin.									
14. EPA Project Officer (Name, Address, Telephone Number) Jacqueline Fisher 77 West Jackson Blvd. (G17-J) Chicago, IL 60604-3507 312-353-1481 E-Mail: Fisher.Jacqueline@epa.gov FAX: 312-886-6869			15. Other Agency Project Officer (Name, Address, Telephone) Angela Ragin-Wilson ATSDR / 4770 Buford Highway, MSF61 Atlanta, GA 30341 770-488-3807 E-Mail: atr0@cdc.gov FAX: 770.488.1537						
16. Project Period: 09/13/2013 to 09/30/2015			17. Budget Period: 09/13/2013 to 09/30/2015						
18. Scope of Work (See Attachment) Scope of Work Attached									
19. Employer/Tax ID No. 520852695		20. CAGE No: 347A4		21. ALC: 68-01-0727					
22. Statutory Authority for Transfer of Funds and Interagency Agreement Consolidated Appropriations Act, 2012; and Public Law 113-6					23. Other Agency Type Federal Agency				
24. Revise Reimbursable Funds and Direct Fund Cites (only complete if applicable)									
	Previous Funding	This Action	Amended Total						
Revise Reimbursable (in-house)			0						
Direct Fund Cite (contractor)			0						
Total			0						
Funds	Previous Amount	Amount This Action	Total Amount						
25. EPA Amount		\$775,000	\$775,000						
26. EPA In-Kind Amount			\$0						
27. Other Agency Amount			\$0						
28. Other Agency In-Kind Amount			\$0						
29. Total Project Cost		\$775,000	\$775,000						
30. Fiscal Information									
Treas. Symbol	DCN	FY	Appropriation	Budget Org	PRC	Object Class	Site/Project	Cost Org	Ob/De-Ob Amt
683/40108	1305HCX025	1314	B	05HLO	202BJ7XF1	2506			775,000
									775,000

Part II - Approved Budget				EPA IAG Identification Number
				DW-75-95843101 - 0
31. Budget Categories	Itemization of All Previous Actions	Itemization of This Action	In-Kind Itemization of This Action	Itemization of Total Project Cost to Date
(a) Personnel		\$76,000		\$76,000
(b) Fringe Benefits		\$23,550		\$23,550
(c) Travel		\$24,500		\$24,500
(d) Equipment				\$0
(e) Supplies				\$0
(f) Procurement / Assistance		\$614,045		\$614,045
(g) Construction				\$0
(h) Other				\$0
(i) Total Direct Charges	\$0	\$738,095	\$0	\$738,095
(j) Indirect Costs:	\$0	\$36,905		\$36,905
Charged - Amount Rate: % Base: <u>\$1,415,500.00</u> Not Charged: Funds-Out: Not charged by Other Agency Estimate by other Agency Amount \$				
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$0	\$775,000	\$0	\$775,000
32. How was the IDC Base calculated? 4.76% of base				
33. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Identify all equipment costing \$1,000 or more)				
34. Are any of these funds being used on extramural agreements? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Type of Extramural Agreement Cooperative Agreement; Contract				
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project		Percent Funded by EPA (if known)	
TBD	614045 Total \$ 614,045.00		100	
Part III - Funding Methods and Billing Instructions				
35. (Note: EPA Agency Location Code (ALC) - 68010727)				
<input checked="" type="checkbox"/> Disbursement Agreement	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002:			
<input checked="" type="checkbox"/> Repayment	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Upon Completion of Work			
<input type="checkbox"/> Advance	Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002.			
<input type="checkbox"/> Allocation Transfer-Out	Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.			
36. <input type="checkbox"/> Reimbursement Agreement <input type="checkbox"/> Repayment <input type="checkbox"/> Advance				
<input type="checkbox"/> Allocation Transfer-In				
Other Agency's Billing Address (include ALC or Station Symbol Number)			Other Agency's Billing Instructions and Frequency	

Part IV - Acceptance Conditions		EPA Identification Number DW-75-95843101 - 0
37. Terms and Conditions, when included, are located at the end of the 1610-1, or as an attachment.		
Part V - Offer and Acceptance		
<p>Note: A) For Fund-out actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants and IA Management Division for Headquarters agreements or to the appropriate EPA Regional IA administration office within 3 calendar weeks after receipt or within any extension of time that may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.</p> <p>Failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency after the document is signed by the EPA Award Official, which the Award Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.</p> <p>B) For Funds-In actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IA administration office for signature on behalf of the EPA. EPA will return one original copy after acceptance returned to the other agency after acceptance.</p>		
EPA IA Administration Office (for administrative assistance)		EPA Program Office (for technical assistance)
38. Organization/Address U.S. Environmental Protection Agency IASSC West 1200 Sixth Avenue, Suite 900, OMP-145 Seattle, WA 98101		39. Organization/Address US Environmental Protection Agency R5 - Region 5 77 West Jackson Blvd. Chicago, IL 60604-3507
Award Official on Behalf of the Environment Protection Agency		
40. Digital signature applied by EPA Award Official Armina K. Nolan - Manager - Grants and Interagency Agreements Unit		Date 09/10/2013
Authorizing Official on Behalf of the Other Agency		
41. Signature	Typed Name and Title Carol Aloisio, Management Officer	Date 09/18/2013

IA Terms and Conditions

Administrative Conditions

1. Resolution of Disagreements

Should disagreements arise on the interpretation of the provisions of this agreement or amendments and/or revisions thereto, that cannot be resolved at the operating level, the area(s) of disagreement shall be stated in writing by each party and presented to the other party for consideration. If agreement or interpretation is not reached within 30 days, the parties shall forward the written presentation of the disagreement to respective higher officials for appropriate resolution.

If a dispute related to funding remains unresolved for more than 30 calendar days after the parties have engaged in an escalation of the dispute, disputes will be resolved in accordance with instructions provided in the Treasury Financial Manual (TFM) Volume I, Part 2, Chapter 4700, Appendix 10, available at <http://www.fms.treas.gov/tfm/index.html>.

2. Restrictions on FY13 Funding for Corporations with Unpaid Federal Tax Liabilities and Felony Convictions

This interagency agreement (IA) obligates and transfers or advances EPA funds appropriated under Public Law 113-6 (Department of Defense, Military Construction and Veterans Affairs, and Full-Year Continuing Appropriations Act, 2013) and Public Law 112-175 (Continuing Appropriations Resolution, 2013). As a result, this IA is subject to the provisions contained in the Department of the Interior, Environment, and Related Agencies Appropriations Act, 2012, Public Law 112-74, Division E, Title IV, Sections 433 and 434, regarding unpaid federal tax liabilities and federal felony convictions.

Section 433 provides:

None of the funds made available by this Act [FY12 Appropriations Act] may be used to enter into a contract, memorandum of understanding, or cooperative agreement with, make a grant to, or provide a loan or loan guarantee to, any corporation that was convicted (or had an officer or agent of such corporation acting on behalf of the corporation convicted) of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless the agency has considered suspension or debarment of the corporation, or such officer or agent, and made a determination that this further action is not necessary to protect the interests of the Government.

Section 434 of Division E of the Appropriations Act further provides:

None of the funds made available by this Act [FY12 Appropriations Act] may be used to enter into a contract, memorandum of understanding, or cooperative agreement with, make a grant to, or provide a loan or loan guarantee to, any corporation with respect to which any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency is aware of the unpaid tax liability, unless the agency has considered suspension or debarment of the corporation and made a determination that this further action is not necessary to protect the interests of the Government.

Accordingly, by accepting the award of this IA, the Recipient agrees that it will comply with and implement the prohibitions of Sections 433 and 434 for any contract, assistance agreement, loan, loan guarantee or other instrument with any corporation that will be funded with funds provided under this IA. Non-compliance with the provisions of Sections 433 and 434 may implicate the Antideficiency Act. The

Recipient will forward to the EPA Award Official, within 45 days, any determination and documentation supporting an award where suspension and debarment are considered by the awarding agency.

3. Expiration of Funds under Non-Economy Act

For IAs with fixed year funding and executed under any authority other than the Economy Act, if funds are properly obligated on an IA, a performing agency may in turn obligate/expend these funds until the IA ends or the work is complete, whichever is first.

Programmatic Conditions

Enter T&C for fixed year funding.
T&C for progress reports required.

Special GLRI Conditions

1. Participation in Great Lakes Water Quality Agreement (GLWQA) and Great Lakes Restoration Initiative (GLRI) Programs and Processes

The Agency for Toxic Substances and Disease Registry (ATSDR) shall participate in the Great Lakes Restoration Initiative (GLRI) and the Great Lakes Water Quality Agreement (GLWQA) programs, processes and activities including the Lake-wide Management Plans and Programs (LaMPs), activities relating to Areas of Concern (AOCs), State of the Lake Ecosystem Conference (SOLEC), Cooperative Science and Monitoring Initiative (CSMI), and the Binational Toxics Strategy (BTS), as requested. Such activities shall include, but not be limited to, meetings, conferences, and workshops directly tied to carrying out and implementing the GLRI and GLWQA.

2. Participation in Planning and Budgeting Activities

The ATSDR will collaborate with U.S. EPA and other members of the Interagency Task Force regarding planning and budgeting activities for the Great Lakes Restoration Initiative including participation in Interagency Task Force meetings (as needed) and Regional Working Group meetings (weekly and as needed), assistance with budget development, development and updating of information for Congress and the public. This collaboration will include regular updates of an Interagency Funding Guide that will describe funding opportunities under the Initiative.

Information (including documents and conversations) regarding out-year budget development will be shared only among federal agency staff who must be involved in the out-year budget development process.

The ATSDR will collaborate with U.S. EPA to comply with requirements, including provisions for science review or competition, for the Great Lakes Restoration Initiative as expressed in conference and/or committee reports, and as required by statute.

Within a reasonable time after appropriations are made and revisions to allocations, the ATSDR shall update its template (identified on the attached Scope of Work) program descriptions for posting on the GLRI website.

3. Statutory Authority

The Statutory Authority of this IA is Consolidated Appropriations Act, 2012, and Public Law 113-6

4. The Agency's Effort on Great Lakes Activities

U.S. EPA will work with the ATSDR to ensure that the funds transferred under this IA are not used to supplant the base programs' funding of the ATSDR. U.S. EPA recognizes its effort in this regard must be consistent with the ATSDR's statutory authorities.

5. Minimization of Indirect Costs

Conference Report language encourages U.S. EPA and its federal partners to limit overhead. Consequently, the ATSDR will be required to minimize its indirect costs. In no event shall indirect costs exceed 5% during the project period of this IA.

Indirect costs are intramural and extramural costs not directly attributable to the ATSDR's effort. These costs may include management and administrative support costs, headquarters' allocation of facilities, personnel compensation support costs to regions and program offices, regional management and support costs and program office support costs.

6. Use of Contracts and Grants

A. ATSDR may use the funds transferred under this IA consistent with its grants, contracts and other programs in order to support the GLRI and the GLWQA.

To the extent that the ATSDR uses funds transferred by U.S. EPA under authorities that have match requirements, the Agency shall minimize the required match to the extent allowed under its authorities and regulations, unless the U.S. EPA Project Officer agrees otherwise.

The ATSDR will use a competitive process to select awardees of grants and contracts consistent with its authorities and regulations. To the extent feasible, any Requests for Proposals (RFPs) for contract awards and grant awards, as well as invitation for bids, shall be shared with the U.S. EPA Project Officer and made available to other members of the Regional Working Group in a timely manner in advance of publication, allowing at least fifteen days for review and comment. The ATSDR will publish the name of those proposals which are selected and funded.

To the extent possible, contractors and awardees must commence work within 60 days of the effective date of an award.

B. The ATSDR will use the following principles for project selection as set forth in the templates and as reflected in the solicitations for the Agency's contracts and grants activities

- Target projects to maximize environmental protection and restoration for the Great Lakes;
- Ability to advance implementation of GLRI Action Plan priorities;
- Ability to strategically-achieve measurable environmental outcomes linked to the highest priority issues;
- Ability to advance environmental priorities of existing Great Lakes strategic plans, especially the Lake-wide Management Plans and Programs, Remedial Action Plans for Areas of Concern, the Great Lakes Regional Collaboration, the Binational Toxics Strategy and other relevant national and regional coordinated strategic planning efforts;
- Feasibility of prompt implementation, including a bias for action-ready projects and for those which demonstrate quick results;
- Observable local improvements, especially for projects at the field level;
- Bias for interagency/inter-organizational coordination and collaboration;
- Support for new work and for enhancements which do not replace existing Great Lakes base activities;
- Support by the Public and other Stakeholders;
- Ability to leverage non-federal resources;
- Promotion of long-term societal, economic, and environmental sustainability goals; and,
- Minimization of transaction costs.

C. Projects and activities must also meet standards for:

- Using best available science;
- Experience, ability, and authority of the funding recipient to properly perform the work;
- Reasonableness of project costs; and
- Measuring progress and success.

The ATSDR shall offer U.S. EPA and the other Agencies represented on the Regional Working Group a timely opportunity to review RFP submissions and serve on RFP review and selection panels consistent with existing authorities and ATSDR's policies.

7. Expedite Required Permits:

The ATSDR shall obtain all required permits in a timely fashion for projects implemented under this IA. To the extent resources are required to expedite permit processing, U.S. EPA may authorize the use of IA resources for this purpose.

8. Fund Obligation/Utilization and De-obligation:

All funding that Agency utilizes pursuant to this Interagency Agreement shall be obligated by ATSDR as expeditiously as possible for the foregoing programs, projects, and activities which support the Great Lakes Restoration Initiative and GLWQA. The ATSDR shall use its best efforts to obligate the funds transferred by U.S. EPA before June 30, 2014 in order to minimize amounts that are returned to the U.S. EPA.

Beginning in June 2014, the ATSDR shall report monthly to the Project Officer regarding its plans to use any funds which remain unobligated. Any funds which have not been obligated by June 30, 2014 shall be returned to U.S. EPA unless the U.S. EPA Project Officer has agreed in writing to (i) an extension or (ii) the funds' application to projects proposed by the ATSDR for the subsequent year's allocation or (iii) another mutually agreed-upon use pursuant to the Initiative. Notwithstanding any efforts by ATSDR to obligate such funds by June 30, 2014, funds which remain unobligated after (June 30, 2014) shall be de-obligated by U.S. EPA upon 10 days written notice to Agency.

9. Healthy, Safety and Environmental Compliance:

All health, lab and field activities conducted for this project must be in accordance and compliance with all applicable health, safety and environmental laws, regulations and guidelines.

10. Signage

If appropriate and feasible, the ATSDR shall ensure that a visible project identification sign is erected as appropriate at each on-the-ground protection or restoration project. Each sign must give project information and credit the Great Lakes Restoration Initiative and appropriate federal agencies for funding. The Agency will determine the design, placement, and materials for each sign.

11. Modification of Interagency Agreement and Written Approval for Transfers Among Templates

This Interagency Agreement can be amended or modified in writing upon consent of the Parties. The Scope of Work attached to this Interagency Agreement can be amended in writing upon consent of the Parties.

The ATSDR must receive prior written approval by the U.S. EPA Project Officer for cumulative transfers among templates or projects which exceed or are expected to exceed the lesser of \$100,000 or ten percent of the Recipient's approved allocation.

12. Reporting

Quarterly Progress Reports: The ATSDR shall ensure that quarterly reporting is provided on funding utilized under GLRI and GLWQA activities. This reporting includes programs funded at or below \$500,000 that may not otherwise be identified in cross-cut budgets. This quarterly reporting shall be completed in the Great Lakes Accountability System (GLAS).

Semi-Annual Progress Reports: The Agency shall submit progress reports, beginning with the date of IA execution, every six (6) months during the life of this agreement. Reports shall be submitted to the U.S. EPA Project Officer and may be provided electronically. The reports must contain information in order to ascertain that the Scope of Work (SOW) is being carried out as specified in the Interagency Agreement. The U.S. EPA Project Officer must be able to determine that all mission support products, services, information or data generation and use, including technology development and verification, is performed in accordance with U.S. EPA policies and the IA agreement. The Agency and possibly its grantees and contractors, upon the direction of the Agency, may be able to input information directly into the system using specified formats and time frames. The Agency shall ensure that by April 15 and October 15 of each year, information is reported in an accountability system, to be determined, pertaining to its contributions (including those from contracts and grants) to Goals, Objectives, and Measures under the GLRI Action Plan.

Annual Report: Beginning in FY 2012, U.S. EPA will work with its Interagency Task Force partners to prepare and submit an Annual Report to the President on progress in achieving the Initiative's goals, outcomes, and targets. To that end, the Recipient shall include in an annual report to U.S. EPA, information on its Great Lakes activities, including those funded pursuant to the Great Lakes Restoration Initiative and those funded by its base programs. The report shall include funding beginning in FY 2011 and each fiscal year thereafter, detail yearly program accomplishments, and compare specific funding levels allocated for participating Federal agencies from fiscal year to fiscal year. Reporting shall include programs funded at or below \$500,000 that may not otherwise be identified in cross-cut budgets.

Final Progress Report: The Agency shall submit a final report to the U.S. EPA Project Officer upon expiration of this IA. This report shall incorporate project outputs and summarize the nature and extent of the project, methodologies employed, significant events and experiences, and a compilation of the data collected. The final report shall also include analysis of the data as well as conclusions, and recommendations. The final report shall incorporate photo documentation of funded projects and environmental progress under the projects at appropriate phases, and appropriate illustrations, diagrams, charts, graphs, and maps to express the data and findings. The draft Final Report will be submitted electronically to the U.S. EPA Project Officer no later than 45 after the end of the project period for review and comment. Electronic and paper versions of the Final Report shall be submitted no later than 90 days after the end of the project period.

13. Accountability/Performance System

The ATSDR and other Great Lakes partners will input all required accountability and performance report information into the Great Lakes Accountability System (GLAS). Information will describe GLRI activities and demonstrate how results are being achieved pursuant to the Action Plan. Recipients and sub-recipients shall be responsible for inputting their accounting/performance data into the GLRI database. The website for the database will be accessible through the GLNPO website at <https://restore.glnpo.net/glas/login.htm> <http://www.epa.gov/glnpo>.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2005-0001. This information collection is scheduled to expire on July 31, 2013.

14. Quality Assurance

As appropriate, the ATSDR must have a Quality Assurance (QA) and Quality Control (QC) System in place that will provide the needed management and technical practices to assure that environmental data used to support GLRI decisions are of adequate quality and usability for their intended purpose. This system must be in place before any data collection takes place. Since most of the GLRI decisions will rest on environmental data, a management system is needed that provides for:

1. Identification of environmental programs for which QA and QC activities are needed;
2. Specification of the quality of the data required from environmental programs; and,

3. Provision of sufficient resources to assure that an adequate level of QA and QC activities are performed.

This IA will provide mission support products, services, information or data generation including technology development and verification. Any of these activities will be performed in accordance with approved Quality Assurance procedures or standards with adequate documentation for transparency purposes, including review and approval by recipients QA manager. Because of the nature of the action, data may be collected without U.S. EPA review and approval of a project-specific Quality Assurance documents.

The U.S. EPA Quality Assurance Officer must be notified when procedures are developed and the quality assurance procedures should be documented. Quality Assurance documentation should be maintained by the IA recipient, but must be provided for review by the U.S. EPA Quality Assurance Office on an as needed basis.

This documentation should include, but is not limited to,

- (1) quality assurance procedures, including the rationale for decisions concerning sampling and analysis;
- (2) decisions on usability of data; and
- (3) information on quality-control methods and measurements, e.g., performance evaluation samples, field duplicates, field blanks, laboratory blanks, laboratory duplicates, laboratory surrogate and matrix spikes, laboratory control samples, and calibration.

U.S. EPA Guidance for Quality 4-24 Assurance Project Plans (QA/G-5) (EPA 2002) can be found at: <http://www.epa.gov/quality/qmps.html>

15. Climate Change Emissions Minimization/Reductions:

The ATSDR shall encourage;

- (i) minimization and reduction, where possible, of greenhouse gas emissions resulting
- (ii) from activities carried out pursuant to this agreement and
- (iii) the tracking of the reduction of greenhouse gas emissions through these activities.

16. Contract Termination, Disputes and Protests

If a contract or order awarded pursuant to this IA is terminated or cancelled or a dispute or protest arises from specifications, solicitation, award, performance or termination of a contract, the ATSDR will take appropriate action in accordance with the terms of the contract and applicable laws and regulations. The U.S. EPA shall be responsible for all costs associated with termination, disputes, and protests, including settlement costs, except that the U.S. EPA shall not be responsible to the ATSDR for costs associated with actions that stem from errors in performing the responsibilities assigned to the ATSDR. The ATSDR shall consult with the U.S. EPA before agreeing to a settlement or payments to ensure that the ATSDR has adequate time in which to raise or address any fiscal or budgetary concerns arising from the proposed payment or settlement.

17. Termination

This IA may be terminated upon thirty (30) calendar days written notice by either party. If this agreement is cancelled, any implementing contract/order may also be cancelled. If the IA is terminated, the agencies shall specify the terms of the termination, including costs attributable to each party and the disposition of awarded and pending actions.

18. Interpretation of IA

If the ATSDR and U.S. EPA are unable to agree on the interpretation of a material aspect of this IA, the parties agree to engage in an effort to reach mutual agreement regarding the proper interpretation of this

IA, including amendment of this IA, as necessary, by escalating the dispute within their respective organizations.

If a dispute related to funding remains unresolved for more than sixty (60) calendar days after the parties have engaged in an escalation of the dispute, the parties agree to refer the matter to their respective Agency Chief Financial Officers with a recommendation that the parties submit the dispute to the CFO Council Intragovernmental Dispute Resolution Committee for review in accordance with Section VII of Attachment 1 to the Treasury Financial Manual, Volume 1, Bulletin No. 2007-03, Intragovernmental Transactions, Subject: Intragovernmental Business Rules, or subsequent guidance.

19. Indirect Costs

The ATSDR certifies that (1) any indirect costs incurred by the ATSDR included in billings to U.S. EPA represent, in accordance with generally accepted accounting principles, indirect costs that would not have been otherwise incurred by the performing agency, or (2) statutory authority exists for charging other than the incremental costs of performance. If an audit determines that any direct or indirect costs charged to U.S. EPA are unallowable, U.S. EPA will be notified immediately following the resolution of the audit and U.S. EPA will be credited those amounts.

20. Billing Payments

When submitting invoices to the Office of the Chief Financial Officer/Cincinnati Finance Center (OCFO/CFC) requesting payment, a breakdown of the costs associated with the invoice must be provided to the U.S. EPA Project Officer (U.S. EPA PO). This information allows the U.S. EPA PO to determine that costs billed to U.S. EPA are necessary and reasonable. If this information is not provided, the U.S. EPA PO will notify the OCFO/CFC to suspend or charge back the payment.

21. Payment.

Not more than 30 days before incurring reasonable and necessary costs described in the scope of work, the ATSDR may, pursuant to this Agreement, submit an estimated payment request via the IPAC system for the electronic transfer of funds to pay such costs. When an IPAC charge is reflected against the CFC's Agency Location Code (ALC) 68-01-0727, the Treasury Department will automatically transfer funds to the requesting Agencies ALC. The ATSDR will use its best efforts to obligate/ expend any funds it receives within 30 days of receipt. On a monthly basis, a breakdown of the costs associated with payments must be provided to the U.S. EPA Project Officer (U.S. EPA PO). This information allows the U.S. EPA PO to determine that costs billed to U.S. EPA are necessary and reasonable. If this information is not provided, the U.S. EPA PO will notify the OCFO/CFC to suspend or charge back the payment. For further information, please contact:

U.S. EPA CFC
Attn: Jeff Marsala
26 W. ML King Dr.
Cincinnati, OH 45268-7002

22. IAs with Contracts or Procurement

In accordance with Public Law (P.L.) 102-389, U.S. EPA's policy requires, to the fullest extent possible, that at least 8% of its overall Federal funding for prime and subcontractors awarded in support of authorized programs be awarded to business concerns or other organizations owned or controlled by socially and economically disadvantaged individuals, including historically black colleges and universities and women.

The IA recipient agrees, in awarding contracts under this IA, to comply with U.S. EPA's aforementioned utilization policy for Minority Business Enterprises (MBEs) and Women's Business Enterprises (WBEs), which is codified at 40 C.F.R. Part 33. Where the subject IA is for the benefit of Native Americans, the IA

recipient agrees to comply with the provisions found at 40 C.F.R. Section 33.304(c), which provides for the preference for Indian-owned economic enterprises and Indian organizations in contracting. The IA recipient will also strive to meet U.S. EPA's SBA negotiated goals for awarding contracts to small and disadvantaged businesses.

The IA recipient will accomplish these objectives through adherence to the small and minority-owned business requirements set forth in the Small Business Act, 15 U.S.C. §§ 631 et seq., and the annual Small Business goals negotiated with the IA recipient and Small Business Administration. All reporting on MBE/WBE and small business accomplishments will be accomplished through the existing federal contracting reporting mechanism, currently the Federal Procurement Data System, Next Generation.

The report should be submitted to:

Office of Small Business Programs
U.S. Environmental Protection Agency
1200 Pennsylvania Ave., NW (Mail code: 1230T)
Washington, D.C. 20460

A copy should be sent to:

Greg Luchey, DBE Coordinator
U.S. EPA Region 10
1200 Sixth Avenue, Suite 900
Mail Stop: OMP-145
Seattle, WA 98101

23. Equipment Disposition: Title to Other Agency

Property/equipment authorized under this IA will be titled with the ATSDR and subject to the ATSDR's property management procedures with no further accountability to U.S. EPA.

24. International travel

International travel by ATSDR in support of this IAG is not allowed until after the U.S. EPA has received the OIA Clearance Form(s) for the personnel who are traveling outside of the United States.

25. Dispute Resolution

As appropriate, disputes related to this agreement are to be resolved in accordance with instructions provided in the Treasury Financial Manual (TFM) Vol. 1, Intragovernmental Business Rules Bulletin, available on the TFM website at: <http://www.fms.treas.gov/tfm/vol1/bull.html>

26. Cost Collection Upon Cancellation

If the U.S. EPA cancels the order, ATSDR is authorized to collect costs incurred prior to cancellation of the order plus termination costs, up to the total payment amount provided for under the agreement.

27. Human Subject Research Review

Any human research conducted under this agreement must conform to U.S. EPA authority 40 CFR 26. The recipient must obtain approval/exemption from their respective IRB review panel and receive concurrence from U.S. EPA's Human Subjects Research Review Official prior to any collection of data.

28. Sufficient Progress

EPA expressly reserves the right to terminate this IA for failure to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. EPA will measure sufficient progress by examining the performance required under the Statement of Work, the time remaining for performance, and/or the availability of funds necessary to complete performance. In exercising the right to terminate, EPA will follow the procedures for terminating the IA in the Terms and Conditions.

Great Lakes Restoration Initiative Interagency Agreement Scope of Work FY2013

**AGENCY NAME: Agency for Toxic Substances and Disease Registry
(ATSDR)**

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1. INTRODUCTION

The Agency for Toxic Substances and Disease Registry (ATSDR) has been an active partner in the Great Lakes Regional Working Group under Executive Order 13340, has participated in the Great Lakes Restoration Initiative (GLRI) since Federal Fiscal Year 2010, and has executed three previous Interagency Agreements with the U.S. Environmental Protection Agency to help carry out the GLRI in FY10 (6 projects for \$5.5 million), FY11 (4 projects for \$2.2 million), and FY12 (3 projects for \$1.7 million).

The purpose and long-term goal of this Interagency Agreement is to better incorporate data and resources from public health agencies into decision making by governmental agencies and communities to reduce the exposures and potential risks associated with chemical contaminants in the Great Lakes. The projects to be funded in FY13 have been developed to accomplish that goal, and include:

1) **Engaging Healthcare (EHc) in Great Lakes Environmental Exposure Risks**

Reduction Fish advisories have been used for decades to advise the public about safe fish consumption. Much has been learned about the strategies employed to ensure that fish advisories are effective in changing behaviors. As with any behavior, ongoing education, behavior reinforcement and support systems are needed to increase and sustain behavior adoption for both public and health care provider audiences. The Great Lakes Restoration Initiative (GLRI) has a history of providing ongoing support in educating both public and health care audiences, promoting fish advisories, and supporting clinic intervention and procedures development to guide clinic processes in assessing fish consumption exposure risks. Reinforcement and support enabling clinical practice adoption can also be addressed through a healthcare system engagement strategy where opportunity exists for instituting environmental exposure assessment in patient histories and delivery of clinical preventive services that address known environmental exposure risks like consumption of predatory fish.

The primary objectives of this project are to promote adoption of patient environmental exposure assessment and to provide clinical guidance and counsel on lowering exposure risks associated with Great Lakes contaminants of concern. The strategy planned to stimulate healthcare system development of clinical guidance and support systems will enable and encourage primary health care providers to routinely consider environmental exposure risks when serving women in their reproductive years and children (two populations that are at increased health risk from environmental contaminants like mercury and PCBs).

2) **Biomonitoring of Great Lakes Populations** The Agency for Toxic Substances and Disease Registry (ATSDR) will conduct cross-sectional biomonitoring for environmental contaminants in a Great Lakes population to: 1) evaluate current body burdens, 2)

compare these to national data and, 3) use biomonitoring data to guide public health actions by state health departments to advance the protection of people in their jurisdiction who are at increased exposure risks to Great Lakes contaminants.

The purpose of this project is to assess residents' body burdens of priority contaminants in the Great Lakes ecosystem, particularly those who are at highest exposure risk. The primary focus is on assessing unique, baseline exposure information on priority contaminants to determine the prevalence of potentially toxic levels in vulnerable populations. The data also allows for geographic comparisons. Determining which Great Lakes contaminants are getting into human populations informs public health officials and guides environmental public health action throughout the restoration process.

2. BUDGET & PROJECT DETAIL

Focus Area	Project ID	Project Title	FY13 Allocation
TX		Engaging Healthcare (EHc) in Great Lakes Environmental Exposure Risks Reduction	\$250,000
TX		Biomonitoring of Great Lakes Populations	\$525,000

3. NARRATIVE SCOPE OF WORK:

TOXIC SUBSTANCES

Project title: Engaging Healthcare (EHc) in Great Lakes Environmental Exposure Risks Reduction

Funding amount: \$250,000

Authority for work: This program is authorized in sections 104(i)(1)(E), (7), (9), (15) and 126(a) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) [42 U.S.C. 9604(i)(1)(E), (7), (9), (15) and 9626(a)].

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Description of work:

This project will link with existing GLRI projects in an effort to create synergy between the EHc project and others. The EHc project will focus on building healthcare system components that reinforce and support existing GLRI efforts to stimulate health care provider counseling to patients on healthy fish consumption. Health care provider practice is influenced by personal professional judgment and by organizational structures of the healthcare system through which patient care is delivered. This project will focus on healthcare system opportunities to influence and support clinical practice adoption among health care providers within the Great Lakes region. To do this, ATSDR proposes to engage clinical leaders within the healthcare system by:

- Establishing a Healthcare Advisory Council (HcAC) to identify opportunities and advocate system level actions to influence clinical practice in environmental exposure assessment addressing fish consumption and other Great Lakes contaminate exposure concerns.

The Council members will represent health plans/health insurance, health systems (HMOs and vertically integrated hospital systems), medical specialty associations (AAP, ACOG, etc.) and other healthcare leader groups. The HcAC function will be to help identify and develop opportunities to create system level procedures and structures to promote routine clinical practices that identify and address environmental exposure risks like fish consumption and other Great Lakes contaminant concerns.

With guidance of the HcAC, the EHc project will:

- Host one symposium within the Great Lakes region to bring medical specialty associations, health plan providers, and state, local and tribal government agencies together to examine environmental exposure risks that Great Lakes contaminants can have on children and women of reproductive age,
- Determine what opportunities exist within the healthcare system to support adoption of clinical practice in environmental exposure assessment associated with fish consumption and other exposure pathways to Great Lakes contaminant concerns, and
- Identify opportunities to support delivery of clinical preventive care and counseling services that are responsive to patient exposure assessment findings. Care and counseling should be informed by known Great Lakes exposure risks like those outlined in fish advisories.

The symposium will serve to introduce HcAC identified healthcare system opportunities to a larger group of decision-makers who can drive system level change supportive of routinely considering environmental exposure risks when health care providers are serving children and women in their reproductive years. By focusing on instituting clinical practice to undertake routine environmental exposure risks assessment (e.g., exposure history taking), opportunities to investigate and address safe fish consumption will grow.

To facilitate and support adoption of clinical practice, tools will be gathered, developed and packaged to enable both healthcare system leaders to support and encourage primary health care providers to perform routine environmental exposure risks assessment when serving women in their reproductive years and children. To do this:

- An Environmental Exposure Assessment and Counseling e-Toolkit for Great Lakes contaminant exposure concerns will be developed.

The HcAC will provide guidance on tools necessary to address system opportunities and support health care provider participation. Tools may include procedures for patient intake and assessment, clinical guidance on use of assessment findings and counseling guides, billing guides, patient education materials (including exposures of concern, healthy fish consumption, understanding biomonitoring information, how to discuss exposure concerns with your doctor, etc.) existing medical education resources, and fish advisory resources. These tools will support and prepare health care providers to adopt the clinical practices promoted. Fish consumption will be a specific focus of this work, but positioning exposure assessment in the larger context of exposure risks to other Great Lakes contaminants will increase the relevance of exposure assessment within everyday clinical practice, which will increase exposure risk assessment related to fish consumption.

Through the HcAC, the symposium, and items in the e-Toolkit, this EHc project will promote the work of other GLRI projects. Specifically in linking/packaging tools to support both system level actions and those actions needed at the provider level, the Engaging Healthcare in Great Lakes Environmental Exposure Risks Reduction Project will:

- Promote adoption of clinical practices and structural processes for taking environmental exposure histories (including fish consumption) that enable clinicians to identify exposure risk and provide appropriate clinical preventive environmental health guidance. The clinic-based projects within the GLRI may serve as models for other clinics and health care providers in the region.
- Assist in outreach to promote health care provider use of the existing “Healthy Fish Choices” continuing medical education.
- Communicate biomonitoring research as part of public and provider education in order to improve understanding of what biomonitoring is and what biomonitoring levels may mean in regards to health and patient care.

Milestones/Schedule, including deliverables:

1. Identify and solicit HcAC members within one month of receiving project funding.
2. Hold the first HcAC meeting within two months of receiving project funding and meet at least quarterly thereafter.
3. Work with GLRI projects and with HcAC members to identify healthcare system opportunities and what tools are needed to facilitate healthcare system and health care provider actions within three months of receiving project funding.
4. Establish a contract task order to support development of e-Toolkit materials and logistical support for symposium within five months of receiving project funding.
5. Establish the preliminary agenda for the symposium within seven months of receiving project funding.
6. Develop and make available the e-Toolkit for use within 13 months of receiving project funding.
7. Host an HcAC lead symposium within 14 months of ATSDR receiving project funding.

Great Lakes Action Plan Measure of Progress:

The Measures of Progress in the Action Plan do not contain any explicit public health measures to which this project would apply. However, the activities and products of this project directly supports Toxics Goal 3 (Exposure to toxic substances from historically contaminated sources is significantly reduced through exposure reduction methods) and indirectly supports Goal 4 (Environmental levels of toxic chemicals are reduced to the point that all restrictions on the consumption of Great Lakes fish can be lifted) and Goal 1 (Areas of Concern are cleaned up, restoring the areas and removing the beneficial use impairments). Activities under this project indirectly support Toxics Objective 2 (Beneficial Use Impairments (BUIs) will be removed in Areas of Concern.) Activities under this project support Toxics Measure 1 through 3 by strategically improving communicating public health messages for populations in the Great Lakes, leading to reductions in exposure to Great Lakes contaminants.

4. COLLABORATIVE ARRANGEMENTS

The Engaging Healthcare in Great Lakes Environmental Exposure Risks Reduction Project staff will seek every opportunity to collaboratively engage other GLRI health projects in framing our project. If we have opportunity to serve as the bridge to link the existing health care providers and public education projects to our healthcare systems project, it is essential that we build cooperative relationships so that the collective GLRI health and health care related projects create the synergy needed to improve and sustain the environmental exposure risk reduction work being addressed.

5. Budget:

Personnel	55,000
Benefits	17,050
Travel	22,000
Procurement Assistance	144,045
Total Direct	238,095
Indirect (5%)	11,905
Total	\$ 250,000

Project title: Biomonitoring of Great Lakes Populations

Funding amount: \$525,000

Authority for work: This program is authorized in sections 104(i)(1)(E), (7), (9), (15) and 126(a) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) [42 U.S.C. 9604(i)(1)(E), (7), (9), (15) and 9626(a)].

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Description of work:

The Agency for Toxic Substances and Disease Registry (ATSDR) will continue to steward the biomonitoring program to provide data on human exposure to environmental contaminants in the Great Lakes concurrent with GLRI restoration activities. With Fiscal Year 2013 allocations, ATSDR will announce a funding opportunity to implement the data collection phase of the study. The study will target a delineated subpopulation in the Great Lakes basin for which there is a higher risk of exposure to persistent Great Lakes pollutants. The exposure pathway is primarily consumption of locally caught fish, but lifestyles such as recreational activities in contaminated waters/sediments/soil will also be considered. ATSDR is collaborating with GLNPO and state fish advisory officials to identify a subpopulation, specifically a subpopulation of urban poor who fish in local contaminated waters and eat their catch.

The target population needs to be large enough to recruit a target sample of 400 people. Typically, states maintain lists of all residents with a valid fishing license which might serve to identify a sampling frame. However, traditional methods such as random sampling of households located near an area may not identify a sufficient sample of people who eat fish from the contaminated waters. A modified venue-based sampling approach, also known as time-space sampling, may be deemed more efficient to produce probability estimates of the target population. Venue-based sampling could use venues such as boat launches, shoreline fishing locations and bait shops to enumerate a sampling frame from which a random sample of study participants will be drawn.

The award recipient will be required to implement all data collection aspects of the program including enumerating the study population. The award recipient will be required to establish a data collection system including a computerized assisted personal interview component for the questionnaire interview, provide certification and accreditation of their data collection system that meets federal Privacy Act standards for protecting the privacy of individuals, produce study brochures, outreach materials and print data collection materials, pre-screen the target population regarding inclusion criteria, sampling, participant recruitment, conduct clinical screenings for the collection of biological samples and questionnaire interviews, provide data management support and transfer data of established quality to ATSDR. Protocols and information collection materials will be submitted for public comment through a required 60-day Federal Register Notice process. The package will then be submitted to the U.S. Office of Management and Budget for approval as defined by the Paperwork Reduction Act.

In FY2014, ATSDR will focus on completion of the laboratory analysis of blood and urine specimens for key contaminants from about 400 GLs residents, statistical analysis and interpretation of biological and questionnaire data. Program results will be shared with state and local health officials to support implementation of appropriate evidence-based public health

actions. Standardized protocols for the collection and laboratory analysis of biological samples, including proficiency-testing and quality assurance, will be established in collaboration with scientist at the Centers for Disease Control and Prevention's National Center for Environmental Health. Biological specimens will be analyzed for the following analytes: PCBs (congeners 28, 52, 101, 105, 118, 138, 153, 180), mercury, lead, mirex, hexachlorobenzene, and DDT/DDE in biological specimens. Lipids and creatinine adjustments will be required for valid comparisons.

Milestones/Schedule, including deliverables:

1. RFP/FOA: Posted in Federal Register April 2013
2. Applications received by ATSDR PGO: June 2013
3. Award: July 2013
4. August 2013 – September 2013:
 - a. Establishing sampling plan with awardee to ensure that the selection of people to participate in the biomonitoring programs are representative of the targeted, vulnerable subpopulations and, comparable across geographic areas and with national estimates
 - b. Finalize OMB package
5. OMB approval: August 2013 - March 2014
 - a. August 2013-September 2013: 60-day FRN
 - b. October 2013 – March 2014: OMB review
6. October 2013 – March 2014:
 - a. Develop computerized data collection system
 - b. Develop field manual of operations
 - c. Staff training
7. April 2014 – September 2015: Program implementation

Great Lakes Action Plan Measure of Progress:

The Measures of Progress in the Action Plan do not contain any explicit public health measures to which this project would apply. However, the activities and products of this project directly supports Toxics Goal 3 (Exposure to toxic substances from historically contaminated sources is significantly reduced through exposure reduction methods) and indirectly supports Goal 4 (Environmental levels of toxic chemicals are reduced to the point that all restrictions on the consumption of Great Lakes fish can be lifted) and Goal 1 (Areas of Concern are cleaned up, restoring the areas and removing the beneficial use impairments). Activities under this project indirectly support Toxics Objective 2 (Beneficial Use Impairments (BUIs) will be removed in Areas of Concern.) Activities under this project support Toxics Measure 1 through 3 by strategically assessing contaminant levels in human populations in the Great Lakes and by modifying public health practices based on the information obtained.

This project indirectly supports Focus Area 5 (Accountability, Education, Monitoring, Evaluation, Communication and Partnerships). This project indirectly supports Goal 1: (cooperative monitoring and observing system provides a comprehensive assessment of the Great Lakes ecosystem), and indirectly Goal 3 (Increase outreach and education for the Great Lakes,) Activities under this project directly support Objective 10 (timely data and information

will be provided to decision makers at multiple scales within a framework of established baselines, targets, indicators of progress, and monitoring.) Activities under this project support Measure 1 (Improvement in the overall aquatic Ecosystem health of the Great Lakes) by understanding the level of contaminant exposure in sensitive Great Lakes populations.

4. COLLABORATIVE ARRANGEMENTS

ATSDR will establish a collaborative partnership with state and local health officials to use the biomonitoring data results to guide public health actions by state health departments to advance the protection of people in their jurisdiction who are at increased exposure risks to Great Lakes contaminants.

5. Budget

Personnel	\$21,000
Benefits	\$6,500
Travel	\$2,500
Procurement assistance	\$470,000
Total direct	\$500,000
Indirect	\$25,000
Total	\$525,000

